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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

YUAN, ALMARI ROMERO

ART UNIT PAPER NUMBER

2176

DATE MAILED: 05/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/887,304

Applicant(s)

ROBISON ET AL.

Examiner

Almari Yuan

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to communications: Amendment filed on 1/04/05.
2. Claims 1-24 are pending in the case. Claims 1, 9, 15, 19, and 22 are independent claims.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 1-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kennedy et al. (US 6,651,217 B1 – filed 09/1999) in view of Hills et al. (US 6,239,797 B1 – filed 04/1998).**

Regarding independent claims 1 and 15, Kennedy discloses:

A method and machine-readable medium, comprising:

receiving data into a first form of a first page (Kennedy on col. 6, lines 23-29 teaches the user visits web site 201 and enters his name, address, and telephone number into form 250; the values entered by the user is stored for future user);

copying the data from the first form to a second form of a second page when the first page is submitted (Kennedy on col. 6, lines 29-37 teaches the user visits different web site 202 and displays different form 260, the web browser matches one or more of the field labels appearing on the form to previously stored values for automatic population of data values).

However, Kennedy does not explicitly disclose “copying the data to a third form of the second page” and “posting the data from the third form to a server when the second page is submitted”.

Hills teaches “copying data to a third form of the second page”, on col. 4, lines 29-34: the application instructs browser to build frames; wherein the instructions are built as HTML pages and JAVASCRIPT language and col. 4, lines 55-59: the browser obtains data from the display frame, fills the data into the hidden update frame.

Hills teaches “posting the data from the third form to a server when the second page is submitted”, on col. 4, lines 6-14 and lines 60-64, see Figure 1: the browser sends only the update frame data to control application 16 that is connect to the Web Applications Server 20 to update “Database 1” 10 with new data.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hills into Kennedy to provide a way to obtain data from the display frame to fill in data into the hidden update frame and send the update frame data to the Database within the Server, as taught by Hills, incorporated into the system of Kennedy, in order avoid refreshing the entire display frame.

Regarding dependent claims 2 and 16, Kennedy discloses:

copying the data to the third form is triggered by submitting the second page (Kennedy on col. 6, lines 30-37: teaches displaying different form 260, web browser 205 matches field labels to stored data values; an automatic population of data values is performed).

Regarding dependent claims 3 and 17, Kennedy discloses:

copying the data to the third form is triggered by submitting the first page (Kennedy on col. 6, lines 30-37: teaches an automatic population of data values (copying) on a form can be triggered by the web browser 205).

Regarding dependent claims 4 and 18, Kennedy discloses:

copying the data from the first form includes not posting the data to the server when the first page is submitted (Kennedy on col. 6, lines 19-21 teaches data values are extracted and used to create a “profile” form for the user to automatically populate other forms).

Regarding dependent claim 5, Kennedy discloses:

the second and third forms are associated with a main window; and the first form is associated with a secondary window requested by an operation on the second page (Kennedy see Figure 2 shows website 201 includes 1st form 250 and second website includes second form 260). Furthermore, Hill teaches a main window including second and third frame in Figure 2.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hills into Kennedy to provide a way to obtain data from the display frame to fill in data into the hidden update frame and send the update frame data to the Database within the Server, as taught by Hills, incorporated into the system of Kennedy, in order avoid refreshing the entire display frame.

Regarding dependent claim 6, Kennedy discloses:

all copying and posting is performed by a browser (Kennedy on col. 6, lines 16-18 teaches browser 205 processes forms for the client computer such as matching field labels with stored data values (also see col. 6, lines 30-32)).

Regarding dependent claim 7, Kennedy discloses:

receiving data into a first form includes updating the first form with previously-saved data from the second form and then editing at least part of the data in the first form (Kennedy on col. 6, lines 30-32 teaches matching field labels on form to previously stored data values; col. 9, lines 4-13 teaches automatically populating fields with previously stored values).

Regarding dependent claim 8, Kennedy discloses:

the first and second pages are web pages (Kennedy on col. 5, lines 35-46 teaches website including plurality of web pages; web pages including multiple forms).

Regarding dependent claim 10, Kennedy discloses:

copying data from the second form is triggered by submitting the second web page (Kennedy on col. 6, lines 30-37: teaches displaying different form 260, web browser 205 matches field labels to stored data values; an automatic population of data values is performed).

Regarding dependent claim 11, Kennedy discloses:

copying data from the second form is triggered by submitting the first web page (Kennedy on col. 6, lines 30-37: teaches an automatic population of data values (copying) on a form can be triggered by the web browser 205).

Regarding dependent claim 12, Kennedy discloses:

requesting a first web page includes creating a main window (Kennedy see Figure 2 shows website 201 includes first form 250).

Regarding dependent claim 13, Kennedy discloses:

requesting a second web page includes creating a secondary window (Kennedy see Figure 2 shows second website includes second form 260).

Regarding dependent claim 14, Kennedy discloses:

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requesting a second web page includes updating the third form with previously saved data from the second form (Kennedy on col. 6, lines 30-32 teaches matching field labels on form to previously stored data values; col. 9, lines 4-13 teaches automatically populating fields with previously stored values).

Regarding independent claims 9 and 19, Kennedy discloses:

A method and system, comprising:

a client computer having a web browser (Kennedy see Figure 2 shows client computer 204 having a web browser 205);

a server computer coupled to the client computer through a network to provide to the client computer (Kennedy see Figure 2 shows Web Servers 201 and 202 connected to the client computer via network):

first web page having a displayable first form (Kennedy on col. 5, lines 40-49 teaches web pages can include forms; col. 6, lines 23-29 teaches displaying form 250 for the user to enter data values);

a second web page having a displayable third form (Kennedy on col. 5, lines 40-49 teaches web pages can include forms; col. 6, lines 29-37 teaches displaying form 260 to the user) and

a set of instructions to cause the client computer to copy data entered in the third form to at least one of the first and second forms (Kennedy on col. 6, lines 10-18 teaches forms 250 and 260 require overlapping information; after the user has entered data into the fields, web browser submits the form with the entered values to the web site from which the form was generated.

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Furthermore, Kennedy on col. 6, lines 37-58 teaches an “autofill profile” form used to match field labels in form 250 to populate with data values)

and not post the data to the server when the second web page is submitted and to cause the client computer to post the copied data to the server computer when the first web page is submitted (Kennedy on col. 5, lines 49-53 and col. 6, lines 46-61 teaches after the form has been completed the user submits the completed form causing the browser to extract data values from the form and transmit them to the server).

However, Kennedy does not explicitly disclose “first web page having a hidden form”

Hills teaches “first web page having a displayable form and a hidden form”, on col. 4, lines 29-34: the application instructs browser to build frames; wherein the instructions are built as HTML pages and JAVASCRIPT language and col. 4, lines 55-59: the hidden update frame.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hills into Kennedy to provide a way fill in data into the hidden update frame and send the update frame data to the Database within the Server, as taught by Hills, incorporated into the system of Kennedy, in order avoid refreshing the entire display frame.

Regarding dependent claim 20, Kennedy discloses

copy data entered in the third form to the second form when the second web page is submitted and to copy data in the second form to the first form when the first web page is submitted (Kennedy on col. 6, lines 30-37: teaches displaying different form 260, web browser 205 matches field labels to stored data values; an automatic population of data values is performed).

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Regarding dependent claim 21, Kennedy discloses:

copy data entered in the third form to both the first and second forms when the second web page is submitted (Kennedy on col. 6, lines 30-37: teaches an automatic population of data values (copying) on a form can be triggered by the web browser 205).

Regarding independent claim 22, Kennedy discloses:

An apparatus, comprising:

a server computer coupled to a client computer through a network (Kennedy see Figure 2 shows Web Servers 201 and 202 connected to the client computer via network) to: respond to a first request by the client computer by providing a first script and a main page having a main form (Kennedy on col. 5, lines 40-49 teaches web pages can include forms; col. 6, lines 16-18 teaches web sites employs “scripts” executed by the browser; col. 6, lines 23-29 teaches displaying form 250 for the user to enter data values);

respond to a second request by the client computer by providing a second script and a secondary page having a secondary form (Kennedy on col. 6, lines 16-18 teaches web sites employs “scripts” executed by the browse; col. 6, lines 29-32 teaches the user visits different web site 202 and displays different form 260), the

second script to copy a content of the secondary form and not post the content of the secondary form to the server when the secondary page is submitted (Kennedy on col. 6, lines 10-18 teaches after the user has entered data into the fields, web browser submits the form with the entered values to the web site from which the form was generated; web sites can employ “script” executed by the browser).

However, Kennedy does not explicitly disclose “ a main page having a hidden form” and “the first script to copy a content of the hidden form into the main form before submitting the main form to the server”.

Hills teaches “a main page having a hidden form”, on col. 4, lines 29-34: the application instructs browser to build frames; wherein the instructions are built as HTML pages and JAVASCRIPT language and col. 4, lines 55-59: the hidden update frame and hidden scroll frame.

Hills teaches “the first script to copy a content of the hidden form into the main form before submitting the main form to the server”, on col. 3, lines 44-48 teaches retrieving data into the hidden scroll frame and then populating the display frame.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hills into Kennedy to provide a hidden frame to populate data into the display frame, as taught by Hills, incorporated into the system of Kennedy, in order avoid refreshing the entire display frame.

Regarding dependent claim 23, Kennedy discloses:

the network is the Internet (Kennedy on col. 4, lines 57-61 teaches Internet).

Regarding dependent claim 24, Kennedy discloses:

the first request is a main web page and the second request is for a secondary web page (Kennedy on col. 6, line 23-24 teaches first request from the user is to visit web site 201 and on col. 6, lines 29-30 teaches second request from the user visiting web site 202).

Response to Arguments

5. Applicant's arguments filed 1/04/05 have been fully considered but they are not persuasive.

Regarding Applicant's remarks on pages 9-10:

Kennedy does teach "receiving data into a first form of a first page" and "copying the data from the first form to a second form of a second page when the first page is submitted" on col. 6, lines 29-37 and see Abstract teaches automatically populating stored data values; wherein the data values are copied from a first form to be populated into a second form. Further, Kennedy in Figure 2 shows Form A and Form B; wherein data values from Form A can be retrieved and populated into the fields of Form B.

The Examiner interpreted Kennedy of having the capability of copying the data values within field labels of one form "A" to be matched with the field labels of the second form "B" to insert the same data values of form "A".

Regarding Applicant's remarks on pages 11-12:

Hills does teach "first web page having a displayable form and a hidden form", on col. 4, lines 55-59 teaches a hidden update frame. Further, Hills on col. 1, lines 63-66 and Figures 2 teaches display frame 40 and Figure 3, teaches a frame is hidden from the user and a display frame is visible to the user.

Hills does teach display frames can be in web-based form, see Figure 1, item 32 teaches client application with browser receives and sends information for the display frame; on col. 4,

lines 29-35 teaches client application instructs the browser; wherein these instructions are built in HTML pages and JAVASCRIPT language, in other words, the display frame can be implemented in HTML form, so it can be read by the browser.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Almari Yuan whose telephone number is 571-272-4104. The examiner can normally be reached on Mondays - Fridays (8:30am - 5:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild, can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AY
May 10, 2005


JOSEPH FEILD
SUPERVISORY PATENT EXAMINER